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*2 JUN*  
Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Johnson  
*613,511*  
Serial No: 10/631,511

Filed: 3 July 2003

For: Earth Loop Installation  
With Sonic Driling

§  
§ Art Unit:  
§  
§ Examiner:  
§  
§ Atty Docket No: AMME 010  
§  
§

**FIRST SUPPLEMENT TO INFORMATION DISCLOSURE**

Mail Stop Non Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

This is a First Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

*Re-Sent 17 Mar 05  
30 July 2003*  
Date: \_\_\_\_\_  
PMB 347  
16690 Champion Forest Drive  
Spring, TX. 77379-7023  
Phone: 281 893 5244

*Guy McClung*  
Guy McClung  
Reg. No. 29,008

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

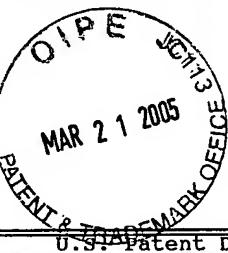
I hereby certify that this correspondence is being deposited with sufficient postage as first class U.S. mail with the United States Postal Service in an envelope addressed to: Mail Stop; Commissioner for Patents; P.O. Box 1450; Alexandria VA 22313-1450, on *30 July 2003*.

Date: *30 July 2003*

*Guy McClung, Reg. No. 29,008*

*Re-Sent  
17 Mar 05 - Guy McClung*

Facsimile of Form PTO-1449 (REV. 6-89)		U.S. Department of Commerce Patent and Trademark Office		ATTORNEY'S DOCKET NUMBER	SERIAL NUMBER
				AMME 010	10/631,511
Information Disclosure (Use Several Sheets If Necessary)		Citation		APPLICANT Johnson	
				FILING DATE 3 July 2003	GROUP ART UNIT
U.S. Patent Documents					



Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
	5,205,366	04/1993	Klemm	175	390	
	5,255,590	10/1993	Klemm	91	516	
	5,269,107	12/1993	Klemm	52	115	
	5,350,023	09/1994	Klemm	173	17	
	5,419,403	05/1995	Klemm	173	115	
	6,164,391	12/2000	Wurm	175	52	
	6,244,360	06/2001	Steinsland	175	52	10/1997
						12/1999
						03/1999

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

		New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.

## FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor-Class/Subclass	Date

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

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Patent

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Applicant: Johnson

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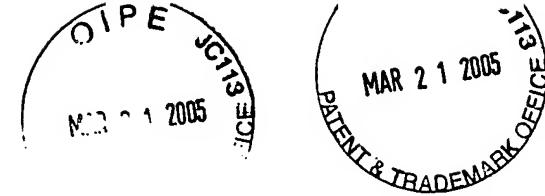
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### U.S. Patent Documents

Document Number	Date	Name
4,719,978	01/1988	Klemm
4,840,238	06/1989	Klemm
4,909,323	03/1990	Hastings
5,205,366	04/1993	Klemm
5,255,590	10/1993	Klemm
5,269,107	12/1993	Klemm
5,350,023	09/1994	Klemm
5,419,403	05/1995	Klemm
6,164,391	12/2000	Wurm
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### OTHER DOCUMENTS

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**SECOND SUPPLEMENT TO INFORMATION DISCLOSURE**

Mail Stop Non Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

This is a Second Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

*Re-Sent 17 Mar 05*  
Date: 6 Aug 03  
PMB 347  
16690 Champion Forest Drive  
Spring, TX. 77379-7023  
Phone: 281 893 5244

*Guy McClung*  
Guy McClung  
Reg. No. 29,008

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Date: 6 Aug 03

*Guy McClung, Reg. No. 29,008*

*Re-Sent 17 Mar 05*

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Page 1 of 1

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Information Disclosure Citation (Use Several Sheets If Necessary)	APPLICANT Johnson		
	FILING DATE 3 July 2003		GROUP ART UNIT



## U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,588,509	07/2003	Allyn et al	166	340	04/2002
	6,502,636	01/2003	Chatterji et al	166	293	02/2001
	6,276,438	08/2001	Amerman et al	165	45	
	6,251,179	06/2001	Allan	106	719	03/1999
	6,250,371	06/2001	Amerman et al	165	45	
	6,041,862	03/2000	Amerman	166	290	
	5,752,572	05/1998	Baiden et al	175	26	
	5,765,643	06/1998	Shaaban et al	166	384	
	5,639,184	06/1997	DeMasters	405	156	
	5,590,715	01/1997	Amerman	166	290	
	5,501,287	03/1996	Loeser	175	173	
	5,477,914	12/1995	Rawlings	165	45	
	5,435,395	07/1995	Conne11	166	384	
	5,435,387	07/1995	Roberts	166	242	
	5,411,085	05/1995	Moore et al	166	242	
	5,291,956	03/1994	Mueller et al	175	67	
	4,912,941	04/1990	Buchi	62	260	
	4,905,777	03/1990	Spies	175	73	
	4,100,983	07/1978	Herrmann et al	175	383	
	4,006,665	02/1977	Klemm	91	278	
	3,249,162	05/1966	Brown	175	96	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

	Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hütte & Co., May 2000.
	Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
	... present throughout the world, Hütte & CO., May 2000.

Examiner	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Applicant: JOHNSON

Serial No: 10/631,511

Filed: 3 July 2003

For: Earth Loop Installation  
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§ Art Unit:

§ Examiner:

§ Atty Docket No: AMME 010

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## SECOND SUPPLEMENT TO INFORMATION DISCLOSURE

### U.S. Patent Documents

Document Number	Date	Name
6,588,509	07/2003	Allyn et al
6,502,636	01/2003	Chatterji et al
6,276,438	08/2001	Amerman et al
6,251,179	06/2001	Allan
6,250,371	06/2001	Amerman et al
6,041,862	03/2000	Amerman
5,752,572	05/1998	Baiden et al
5,765,643	06/1998	Shaaban et al
5,639,184	06/1997	DeMasters
5,590,715	01/1997	Amerman
5,501,287	03/1996	Loeser
5,477,914	12/1995	Rawlings
5,435,395	07/1995	Connell
5,435,387	07/1995	Roberts
5,411,085	05/1995	Moore et al
5,291,956	03/1994	Mueller et al
4,912,941	04/1990	Buchi
4,905,777	03/1990	Spies
4,100,983	07/1978	Herrmann et al
4,006,665	02/1977	Klemm
3,249,162	05/1966	Brown

### OTHER DOCUMENTS

Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hutte & Co., May 2000.

Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.

. . . present throughout the world, Hutte & CO., May 2000.



Patent

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§ Art Unit:

Filed: 3 July 2003

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§ Examiner:

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§ Atty Docket No: AMME 010

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**THIRD SUPPLEMENT TO INFORMATION DISCLOSURE**

Mail Stop Non Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

This is a Third Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

*Re-Seat 17 Mar 05*

Date: 24 Dec 03  
PMB 347  
16690 Champion Forest Drive  
Spring, TX. 77379-7023  
Phone: 281 893 5244

*Guy McClung*  
Guy McClung  
Reg. No. 29,008

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Date: 24 Dec 03  
*Re-Seat 17 Mar 05*

*Guy McClung, Reg. No. 29,008*

MAR 21 2005

Page 1 of 2

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Information Disclosure Citation  (Use Several Sheets If Necessary)		APPLICANT Johnson	
		FILING DATE	GROUP ART UNIT
		3 July 2003	

U.S. Patent Documents

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)


**Examiner** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

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Page 2 of 2

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		FILING DATE 3 July 2003	GROUP ART UNIT

U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	3,878,686	04/1975	Hageman et al	61	36R	
	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
	5,205,366	04/1993	Klemm	175	390	
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	5,269,107	12/1993	Klemm	52	115	
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	6,251,179	06/2001	Allan	106	719	03/1999

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

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		Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91,
		Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
		... present throughout the world, Hütte & CO., May 2000.

FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor~ Class/Subclass	Date

Examiner	Date Considered
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Applicant: Johnson §  
 Serial No: 10/631,511 § Art Unit:  
 Filed: 3 July 2003 § Examiner:  
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 With Sonic Drilling §

## THIRD SUPPLEMENT TO INFORMATION DISCLOSURE

U.S. Patent Documents

Document Number	Date	Name
6,276,438	08/2001	Amerman et al
5,803,187	09/1998	Javins, Brooks H.
5,263,545	11/1993	Tudora et al
5,152,342	10/1992	Rankin et al
4,981,396	01/1991	Albertson et al
4,595,059	06/1986	Katagiri et al
4,574,875	03/1986	Rawlings et al
3,979,917	09/1976	Crafton
3,835,943	09/1974	Bray, Richard Nicholas
3,734,209	05/1973	Haisch et al
3,878,686	04/1975	Hageman et al
4,719,978	01/1988	Klemm
4,840,238	06/1989	Klemm
4,909,323	03/1990	Hastings
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New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.

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SC113  
MAR 21 2005

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Patent

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Applicant: Johnson

Serial No: 10/631,511 *613,511*

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§ Art Unit:

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§ Examiner:

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**FOURTH SUPPLEMENT TO INFORMATION DISCLOSURE**

Mail Stop Non Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

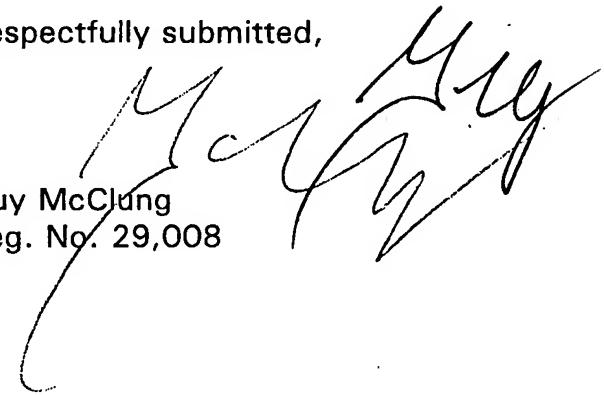
This is a Fourth Supplement to information previously disclosed in this application. Enclosed are a list of references and a Form PTO 1449 listing the references. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

*Re-Sent 17 May 05*

Date: 29 JUL 04  
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*Guy McClung*  
Guy McClung  
Reg. No. 29,008



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Date: 29 JUL 04

*Re-Sent 17 May 05*

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Page 1 of 1

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Information Disclosure		Citation	AMME 010	10/631,511
(Use Several Sheets If Necessary)		RECEIVED MAR 21 2005 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE	APPLICANT Johnson	
			FILING DATE	GROUP ART UNIT
			3 July 2003	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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**FOURTH SUPPLEMENT TO INFORMATION DISCLOSURE**

**U.S. Patent Documents**

Document Number	Date	Name	Class	SubClass	Filing Date
6,739,410	05/2004	Smith et al	175	55	02/02
5,812,068	09/1998	Wisler et al			
5,562,169	10/1996	Barrow			
5,549,170	08/1996	Barrow			
5,417,290	05/1995	Barrow			
4,693,325	09/1987	Bodine			
4,662,459	05/1987	Bodine			
4,403,665	09/1983	Bodine			
4,073,353	02/1978	Bodine			
4,023,628	05/1977	Bodine			
3,499,293	03/1970	Kato	173	49	
3,096,833	07/1963	Bodine	175	156	